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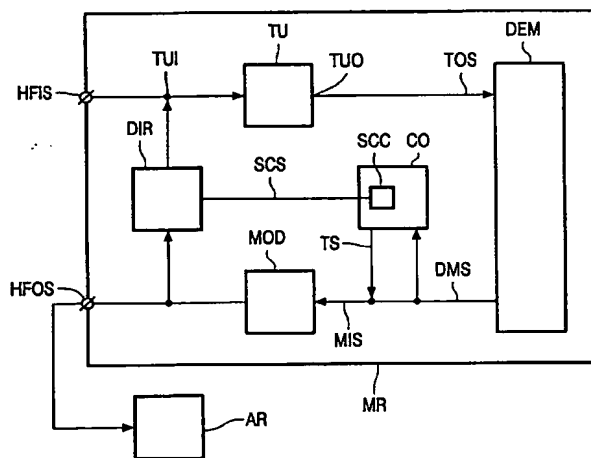
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(54) Title: AN IN-HOME RECEIVER SYSTEM



(57) **Abstract:** The in-home system comprises a complex main receiver (MR) and at least one standard receiver (AR). The main receiver (MR) receives the broadcast signals (HFIS) from the provider(s) and demodulates and/or decodes and/or descrambles (DEM) the broadcast signals (HFIS). A modulator (MOD) re-modulates the demodulated and/or decoded broadcast signals (MIS) onto a high-frequency carrier and provides this modulated signal (HFOS) to the standard receiver (AR). The demodulating, decoding, and/or descrambling (DEM) needs to be performed by the main receiver (MR) only, and is distributed via a high-frequency link to the standard receiver (AR) in the home environment. The main receiver (MR) comprises at least one tuner (TUI) with a tuner input (TUIi) for receiving the high-frequency input signal (HFIS) and a tuner output (TUIo) for supplying a tuner output signal (TOSi). A test signal generator (TSG) of the main receiver (MR) supplies a test signal (TSi) to the modulator (MODi) to obtain the high-frequency output signal (HFOSi). A directing circuit (DIR) directs the high-frequency output signal (HFOSi) to the tuner input (TUIi), and a test evaluator (TE) evaluates whether the tuner output signal (TUIo) is in conformance with the test signal (TSi). In this way, the performance of the system is checked.



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